

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/06140

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K47/10 A61K47/34 A61K7/42 A61K9/107 A61K9/113

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, BIOSIS, EMBASE, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 01960 A (LIPOCINE INC) 11 January 2001 (2001-01-11) page 52, line 15-18 ---	1,2
X	US 4 113 649 A (LEHMKUHL HERBERT ET AL) 12 September 1978 (1978-09-12) claim 1 ---	1,2
X	GB 2 242 686 A (KAO CORP) 9 October 1991 (1991-10-09) claim 1 ---	1,2
X,Y	WO 95 24179 A (PROCTER & GAMBLE) 14 September 1995 (1995-09-14) claim 1 --- -/--	1,2,4-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

11 March 2004

Date of mailing of the international search report

06. 04. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Steendijk, M

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/06140

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	WO 96 39119 A (NEUTROGENA CORP ; MATHER KAMRAN (US); STAHL CHRISTOPHER RYAN (US)) 12 December 1996 (1996-12-12) claim 1	1, 2, 4-13
X	WO 97 44049 A (WALLBANKS YASMIN TINA ; LANGLOIS ANNE (GB); PROCTER & GAMBLE (US)) 27 November 1997 (1997-11-27) claim 1	1, 2, 4-13
Y	WO 95 03781 A (PROCTER & GAMBLE) 9 February 1995 (1995-02-09) claim 1	4-13
Y	GB 2 004 746 A (SCHERICO LTD) 11 April 1979 (1979-04-11) claim 1	4-13
X	US 2 907 670 A (BROUILLARD ROBERT E ET AL) 6 October 1959 (1959-10-06) claim 1	1, 3 14
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 131 (C-1036), 18 March 1993 (1993-03-18) & JP 04 308216 A (TOYO INK MFG CO LTD), 30 October 1992 (1992-10-30) abstract	1, 3
Y	WO 00 49099 A (CHANE CHING JEAN YVES ; AUPAIX NICOLE (FR); RHONE POULENC CHIMIE (F) 24 August 2000 (2000-08-24) claim 1	14
Y	WO 92 07627 A (HER MAJESTY THE QUEEN AS REPRE) 14 May 1992 (1992-05-14) claim 1	14

EP03/06140 – ISR

BOX II

The International Searching Authority has determined that this international application contains multiple (groups of) inventions, as follows:

1. Claims: 1 (in part), 2, 4-13

use of ether alcohols as solvents or solubilisers and corresponding solutions, as well as ether alcohols as solubilisers in polyol-in-oil emulsions

2. Claims: 1 (in part), 3, 14

ether alcohols as auxiliary dispersing agents or continuous phase for pigment dispersions

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP 03/06140

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0101960	A	11-01-2001	US 6267985 B1	31-07-2001
			AU 5313100 A	22-01-2001
			CA 2375083 A1	11-01-2001
			EP 1194120 A1	10-04-2002
			JP 2003503440 T	28-01-2003
			NZ 516521 A	28-11-2003
			WO 0101960 A1	11-01-2001
			US 2003077297 A1	24-04-2003
			US 2003104048 A1	05-06-2003
			US 2003235595 A1	25-12-2003
			US 2003236236 A1	25-12-2003
			US 2002032171 A1	14-03-2002
US 4113649	A	12-09-1978	DE 2534851 A1	10-02-1977
			AT 382531 B	10-03-1987
			AT 466882 A	15-08-1986
			AT 375276 B	25-07-1984
			AT 577076 A	15-12-1983
			BE 844851 A1	03-02-1977
			BR 7605146 A	02-08-1977
			CA 1061794 A1	04-09-1979
			CH 606186 A5	31-10-1978
			FR 2320133 A1	04-03-1977
			GB 1556714 A	28-11-1979
			IT 1062561 B	20-10-1984
			JP 1045842 C	28-05-1981
			JP 52021284 A	17-02-1977
			JP 55038381 B	03-10-1980
			MX 145548 A	08-03-1982
			NL 7608708 A	08-02-1977
GB 2242686	A	09-10-1991	JP 2027712 C	26-02-1996
			JP 3285996 A	17-12-1991
			JP 7056037 B	14-06-1995
			HK 121694 A	11-11-1994
			SG 109194 G	25-11-1994
WO 9524179	A	14-09-1995	AU 702897 B2	11-03-1999
			AU 1982595 A	25-09-1995
			CA 2185231 A1	14-09-1995
			CN 1145582 A	19-03-1997
			CZ 9602673 A3	12-03-1997
			EP 0748203 A1	18-12-1996
			JP 9510208 T	14-10-1997
			WO 9524179 A1	14-09-1995
			US 5824666 A	20-10-1998
WO 9639119	A	12-12-1996	AU 708824 B2	12-08-1999
			AU 5990396 A	24-12-1996
			BR 9608989 A	29-06-1999
			CA 2223383 A1	12-12-1996
			CN 1192134 A	02-09-1998
			CZ 9703870 A3	17-06-1998
			EP 0831768 A1	01-04-1998
			JP 11507350 T	29-06-1999
			NZ 309677 A	28-10-1999
			PL 323716 A1	14-04-1998
			WO 9639119 A1	12-12-1996

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/06140

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9639119	A		US 5925679 A ZA 9604688 A	20-07-1999 05-12-1997
WO 9744049	A	27-11-1997	AU 3129597 A CA 2255067 A1 CZ 9803720 A3 EP 0964688 A1 JP 11510522 T WO 9744049 A1 US 2002136743 A1	09-12-1997 27-11-1997 12-05-1999 22-12-1999 14-09-1999 27-11-1997 26-09-2002
WO 9503781	A	09-02-1995	AT 179883 T CA 2168543 A1 CN 1130864 A ,B DE 69418465 T2 EP 0714283 A1 ES 2131208 T3 GR 3030575 T3 JP 9501161 T WO 9503781 A1 US 5989536 A	15-05-1999 09-02-1995 11-09-1996 09-12-1999 05-06-1996 16-07-1999 29-10-1999 04-02-1997 09-02-1995 23-11-1999
GB 2004746	A	11-04-1979	NONE	
US 2907670	A	06-10-1959	NONE	
JP 04308216	A	30-10-1992	NONE	
WO 0049099	A	24-08-2000	FR 2789602 A1 AU 759998 B2 AU 2676000 A BR 0008341 A CA 2360830 A1 CN 1344303 T EP 1157072 A1 WO 0049099 A1 JP 2002542311 T NO 20014000 A	18-08-2000 01-05-2003 04-09-2000 02-04-2002 24-08-2000 10-04-2002 28-11-2001 24-08-2000 10-12-2002 17-10-2001
WO 9207627	A	14-05-1992	WO 9207627 A1 DE 69019992 D1 DE 69019992 T2 DK 555208 T3 EP 0555208 A1 NO 931579 A	14-05-1992 13-07-1995 12-10-1995 31-07-1995 18-08-1993 02-07-1993